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447F. Bees.

450F. Some facts about malaria.

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723F. The oyster-shell scale and the scurfy scale.

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734F. Flytraps and their operation.

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801F. Mites and lice on poultry.

831F. The red spider on cotton and how to control it.

835F. How to detect outbreaks of insects and save the grain crops.

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880F. Fumigation of ornamental greenhouse plants with hydrocyanic-acid gas.

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890F. How insects affect the cotton plant and means of combating them.

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897F. Fleas and their control.

902F. The silverfish: An injurious household insect.

908F. Information for fruit growers about insecticides, spraying apparatus, and important insect pests.

933F. Spraying for the control of insects and mites attacking citrus trees in Florida.

940F. Common white grubs.

944F. Controlling the garden webworm in alfalfa fields.

950F. The southern corn rootworm and farm practices to control it.

959F. The spotted garden slug.

961F. Transferring bees to modern hives.

971F. The control of the clover-flower midge.

975F. The control of European foulbrood.

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1252F. Sawflies injurious to rose foliage.

1257F. Insects injurious to the mango in Florida and how to combat them.

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1259F. A sawfly injurious to young pines.

1260F. Stored grain pests.

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1326F. Control of the codling moth in the Pacific Northwest.

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1344F. The strawberry rootworm as an enemy of the greenhouse rose.

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1353F. Clothes moths and their control.

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1356F. Tobacco hornworm insecticde: Recommendations for use of powdered arsenate of lead in the dark-tobacco district.

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1561F. The Porto Rican mole cricket.

1566F. The sorghum midge with suggestions for control.

1569F. Earthworms as pests and otherwise. 1570F. Mosquito remedies and preventives.

1582F. Protection of log cabins and rustic work from injurious insects (In press)

1586F. The southern pine beetle: A serious enemy of pines in the South. (In press.)

LEAFLETS

- 2L. Cutworms in the garden.
- 12L. The striped blister beetle on soybeans.
- 31L. Termites in buildings. (In press.)

ENTOMOLOGY LEAFLET

E-127. Chinch bug.

POSTERS

(Those marked with an asterisk are obtainable from the Bureau of Entomology only.)

- *E-144. Potato beetles.
- E-149. Destroy grasshoppers with poison-bran bait.
- *E-152. Garden cutworms.
- E-155. Spray potato fields.
- *E-157. Garden plant-lice.
- E-177. The Hessian fly.
- E-178. Wheat jointworm.
- E-179. The alfalfa seed Chalcis-fly.

YEARBOOK SEPARATES

(Those marked with an asterisk are obtainable from the Bureau of Entomology only.)

- *653Y. Edible snails.
- *706Y. Suppression of the gipsy and brown-tail moths and its value to States not infested.
- *786Y. How weevils get into beans.

DEPARTMENT CIRCULARS

(The publications in this series are semipopular in character. Those marked by an asterisk are obtainable from the Bureau of Entomology only.)

- 172C. The range crane-fly in California.
- *224C. Nicotine dust for control of the striped cucumber beetle.
- 2630. Preliminary report on the control of the San Jose scale with lubricatingoil emulsion.
- 274C. Dusting for the cotton boll weevil.
- *282C. The Australian tomato weevil introduced in the South. A preliminary
- *284C. The sterilization of American foulbrood combs.
- 2870. The occurrence of diseases of adult bees, II.
- *303C. The hot-water treatment of sugar cane for insect pests: A precaution.
- *334C. The bee-louse, Braula coeca, in the United States.
- 361C. The cotton hopper or so-called cotton flea.
- 3630. The Japanese beetle.
- 3670. Airplaine dusting in the control of malaria mosquitoes.
- 380C. Calcium cyanide as a fumigant for ornamental greenhouse plants.
- 3950. The oriental peach moth.

CIRCULARS

(This series supersedes the Department Circular series.)

- 7. An apparatus for the rapid vaporization of carbon disulphide.
- 14. Status of imported parasites of the European corn borer.
- 18. Experimental dissemination of the tabanid egg parasite Phanurus emersoni. Girault and biological notes on the species.
- 24. United States grades, color standards, and packing requirements for honey.
- 27. Some mushroom diseases and their carriers.
- 45. The application of sodium fluosilicate by airplane in an attempt to control the sugar-cane moth borer.

MISCELLIANEOUS CIRCULARS

- 46M. A bibliography of the European corn borer (Pyrausta nubilalis Hbn.).
- 70M. Timely information about the European corn borer.
- 102M. Pertinent information regarding the 1927 spring clean-up of areas quarantined on account of the European corn borer.
- 104M. Spread and infestation by the European corn borer during 1926.

MISCELLANEOUS PUBLICATION

35. Cotton or weevils. (In press.)

DEPARTMENT BULLETINS

(Most of the publications in this series are professional papers intended for the use of entomologists or other technical workers. Those marked by an asterisk are obtainable from the Bureau of Entomology only.)

- *59D. The tobacco splitworm.
- *100D. Walnut aphides in California.
- *111D. The Sequoia pitch moth: A menace to pine in western Montana.

- *113D. The lesser bud-moth.
 *124D. The alfalfa caterpillar.
 *131D. Repellents for protecting animals from the attacks of flies.
- *134D. Citrus friut insects in Mediterranean countries.
 *170D. The European pine-shoot moth.
- *170D. The European pine-shoot moth.
- *173D. The life history and habits of the pear thrips in California.
- *184D. The huisache girdler.
- *264D. The violet rove beetle.
- *295D. The Zimmerman pine moth.
- *382D. Cotton-boll weevil control in the Mississippi delta, with special reference to square picking and weevil picking.
- *443D. The New Mexico range caterpillar and its control.
- *491D. The melon fly in Hawaii.
- *550D. Control of the grape-berry moth in the Erie-Chautauqua grape belt.

- *564D. Collection of weevils and infested squares as a means of control of the cotton-boll weevil in the Mississippi delta.
- 809D. American foulbrood.
- *838D. Cypress bark scale.
- 872D. Insect control in flour mills.
- 965D. Control of the Argentine ant in California citrus orchards.
- *967D. Results of work on blister beetles in Kansas.
- 986D. Studies on the biology and control of chiggers.
- 1016D. Bionomics of the chinch bug.
- *1032D. The blackhead fireworm of cranberry on the Pacific Coast.
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- 1107D. The lead-cable borer or "short-circuit beetle" in California.
- 1115D. Chemical changes in calcium arsenate during storage.
- 1147D. Chemical, physical, and insecticidal properties of arsenicals.
- 1149D. Absorption and retention of hydrocyanic acid by fumigated food products.
- 1160D. Studies on contact insecticides.
- 1204D. Dusting cotton from airplanes.
- 1217D. Mixing emulsified mineral lubricating oils with deep-well waters and lime-sulphur solutions.
- *1222D. Growth and feeding of honeybee larvae.
- *1223D. The European elm scale in the West.
- 1231D. Tests of methods of protecting woods against termites or white ants.
- *1235D. Life history of the codling moth in the Yakima Valley of Washington.
- *1238D. The canker worms.
- 1243D. Studies of the Mexican bean beetle in the Southeast.
- *1267D. The rough-headed corn stalk-beetle.
- 1307D. Absorption and retention of hydrocyanic acid by fumigated food products. Part II.
- 1324D. The oviposition response of insects.
- 1339D. The effect of weather upon the change in weight of a colony of bees during the honey flow.
- *1349D. The brood-rearing cycle of the honeybee.
- 1357D. The strawberry rootworm: A new pest on greenhouse roses.
- 1363D. Host relations of Compsilura concinnata Meigen, an important tachinid parasite of the gipsy moth and the brown-tail moth.
- 1369D. The cattle grubs or ox warbles, their biologies and suggestions for control.
- 1371D. Effectiveness against the San Jose Scale of the dry substitutes for liquid lime-sulphur.
- 1374D. Studies of the pink bollworm in Mexico.
- 1397D. The pink bollworm, with special reference to steps taken by the Department of Agriculture to prevent its establishment in the United States.

- 1426D. The clover root-borer.
- 1428D. The cadelle.
- 1429D. The parasites of Popillia japonica in Japan and Korea, and their introduction in the United States.
- *1439D. Fish oil, an efficient adhesive in arsenate of lead sprays.
- 1453D. The cheese skipper as a pest in cured meats.
- 1469D. The satin moth, a recently introduced injurious pest.
- 1472D. Chemotropic tests with the screw-worm fly.
- 1476D. A progress report on the investigations of the European corn borer.
- 1482D. Experiments on the control of the plum curculio, brown-rot, and scab, attacking the peach in Georgia.
- *1487D. A study in hyperparasitism, with particular reference to the parasites of Apanteles melanoscelus (Ratz.).
- 1490D. Defects in timber caused by insects.

TECHNICAL BULLETINS

(This series supersedes the Department Bulletin series.)

- 3T. The relation of highway slash to infestations by the western pine beetle in standing timber.
- 4T. Lygus elisus: A pest of the cotton regions in Arizona and California.
- 15T. The citrus insects of Japan.
- 19T. Parasites of the pink bollworm in Hawaii.
- 20T. A study of Phylloxera infestation in California as related to types of soils.
- 25T. Control experiments against the European red mite and other fruit-tree mites.
- 31T. The larger sod webworm.
- 34T. The fall army worm.
- 41T. The sugar-cane moth borer in the United States.
- 42T. Life history of the codling moth in Delaware.
- 48T. The western cedar pole borer.
- 52T. A classification of the higher groups and genera of the coccid family Margarodidae.
- 53T. Scouting, quarantine, and control for the European corn borer, 1907 1926.
- 58T. Paradichlorobenzene experiments in the South for peach-borer control.
- 59T. The European corn borer and its controlling factors in Europe.
- 60T. Ineffectiveness of internal medication of poultry for the control of external parasites.
- 66T. The apple maggot.
- 77T. The host plants of the European corn borer in New England. (In press.)
- 80T. Tests of blowfly baits and repellents during 1926.
- 81T. The Hessian fly in California.
- 83T. The Pacific flathead borer. (In press.)
- 86T. Imported insect enemies of the gipsy moth and the brown-tail moth. (In press.)
- 88T. Tobacco cutworms. (In press.)
- 89T. Biology of the European red mite. (In press.)
- 90T. Life history of the codling moth in northern Georgia. (In press.)
- 95T. The mealworms. (In press.)
- 98T. Imported parasites of the European corn borer in America. (In press.)

REPORTS, OFFICE OF THE SECRETARY

- (This series has been discontinued. The publications listed below, which are of a technical character, are obtainable from the Bureau of Entomology only.)
 - *99. Classification of the Cryphalinae, with descriptions of new genera and species.
 - *101. The woolly apple aphis.
 - *102. Descriptions of some weevils reared from cotton in Peru.
 - *107. Larvae of the Prioninae.

CIRCULARS, OFFICE OF THE SECRETARY

(This series has been discontinued. The two numbers listed below are obtainable from the Bureau of Entomology only.)

- *51. The Hessian fly situation in 1915.
- *55. The spring grain-aphis or "greenbug" in the Southwest and possibilities of an outbreak in 1916.

The three series listed below were discontinued in 1914. Most of them (those marked by an asterisk) are obtainable from the Bureau of Entomology only.

ENTOMOLOGY CIRCULARS

- *50. The white ant. (Superseded by Farmers! Bulletin 1472.)
- *101. The apple maggot or "railroad worm."
- *123. Methods of controlling tobacco insects.
- *131. How to control the pear thrips.
- *148. Two destructive Texas ants.
- *158. The clover mite.
- *168. Spraying for white flies in Florida. (Superseded by Farmers' Bulletin 933.)
- *173. Arsenate of lead as an insecticide against the tobacco hornworms: (Super-seded by Farmers' Bulletin 1356.)
- *Unnumbered. The pink bollworm. 1914.

ENTOMOLOGY BULLETINS

- 71. The periodical Cicada.
- *85. Part II. The slender seed-corn ground-beetle.
- *85. PartIII. The clover-root curculio.
- *95. Part II. The maize billbug.

ENTOMOLOGY TECHNICAL SERIES

- *19. Contents and index.
- *23. Part I. Some new California and Georgia Thysanoptera.
- *24. The life history of the alder blight aphis.
- *25. Part II. The yellow clover aphis.
- *27. Part II. Classification of the Aleyrodidae.
- *27. Contents and index.